

AMENDMENTS TO SPECIFICATION:

Please replace the paragraph beginning on the bottom of page 10, line 28 through page 11, line 10 with the following paragraph. Changes to the text are indicated as marked-up in the paragraph.

Fig. 2 shows a diagram of one embodiment of the present disclosure for a computer-based public key data encryption system 200 for secure communication between first data processing system 202 and second data processing system 204 that allows an authorized third party to gain access to encrypted files without the overhead of placing additional information in escrow. As shown in Fig. 2, the first user's private key 206 is stored in ~~second~~ the first data processing system ~~204~~ 202 for encrypting information sent by the second user to the first user. Certificate 208 includes data pertaining to the first user including the first user's public key 210, master public key 212, and other information about the first user's public key 214 and the certifying authority 216. While Fig. 2 shows data for only one user, second data processing system 204 may store or have access to certificate information for every user with which encrypted information is exchanged.